| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------------|------|--|--|---------------------|----------|--------------------------------------|
| Li | 70 | ("438"/\$.cols: "257"/\$.cols:) and (diced dicing sawing):same IC adj2 (die chip): same test\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM TDB | OR | Й | 2005/09/04:09:54 |
| L2 | 1 | 10/195527 | US-PGPUB; USPAT; USOCR; EPO; IPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/04 09:54 |
| S53 | 1993 | (257/737).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/09/02 13:52 |
| S54 | 1719 | (257/738).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/09/02 13:52 |
| S55 | 103 | (S53 S54) and diffusion near barrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 14:27 |
| S56 | 1390 | (257/751).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/09/02 13:52 |
| S57 | 309 | S56 and (Ni Nickel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 13:52 |
| S58 | 102 | S57 and pad | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 13:52 |
| S59 S60 | 80 | ("6798050"),URPN | USPAT US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR OR | ON ON | 2005/09/02 13:52 2005/09/02 13:52 |
| S61 | 23 | S55 not S60 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02:13:52 |
| S62 | 95 | S58 not S55 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 13:52 |

| S63 | 5 | ("20020000665" "3826886" "5631499" "5767010" "6187680").PN. | US-PGPUB; USPAT; USOCR | OR · | ON | 2005/09/02 13:52 |
|-----|-------|--|--|---------|-----|-------------------|
| S64 | .1063 | (438/653).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 13:52 |
| S65 | 360 | (438/654).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/09/02 13:52 |
| S66 | 70 | (S64 S65) and (Ni mickel) and pad | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02:13:52 |
| S67 | 7 | ("3633076" "5162257" "5937320" "6232212" "6452270" "6696356" "6756184").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/02 13:52 |
| S68 | 0 | ("6897141").URPN. | USPAT | OR | ON | 2005/09/02 13:52 |
| S69 | 1 | ("6706622").URPN. | USPAT | OR | ON | 2005/09/02 13:52 |
| S70 | 5 | ("6180505" "6358831" "6403457" "6444568" "6458690") PN | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/02 13:52 |
| S71 | 2557 | (438/612).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM TDB | OR | OFF | 2005/09/02 13:52 |
| 872 | 2105 | (438/614).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/09/02:13:52 |
| S73 | 97 | (S71 S72) and (Ni nickel Pd palladium) and diffusion near barrier and adhesion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 13:52 |
| S74 | 87 | S73 not (S58 S55 S60) | US-PGPUB, USPAT, USOCR, EPO; JPO; DERWENT , IBM_TDB | OR | ON | 2005/09/02:13:52 |
| S75 | 385 | S56 and (Ni nickel Pd palladium) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 13:52 |
| S76 | 185 | S56 and (Ni nickel Pd palladium) and adhesion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | :2005/09/02 13:52 |
| S77 | 118 | S76 not (S58 S60 S55 S73 S66) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 13:52 |

| S78 | 1309 | (257/E23.02).CCLS. | US-PGPUB; | OR | OFF | 2005/09/02 13:52 |
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| | | | USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | | | |
| S79 | 128 | (\$71 \$72) and (Ni mckel Pd palladium) and diffusion near barrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/02 15:42 |
| S80 | 23 | S79 not (S76 S58 S60 S55 S73 S66) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 13:52 |
| S81 | 492 | (257/753).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/09/02 13:52 |
| S82 | 67 | S56 and (Pd palladium) and pad | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 13:52 |
| S83 | 9 | S82 not (S79 S76 S58 S60 S55 S73 S66) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02:13:52 |
| S84 | 114 | S81 and (Ni nickel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 13:52 |
| S85 | 96 | S84 not (S79 S76 S58 S60 S55 S73 S66) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM TDB | OR | ON | 2005/09/02:13:52 |
| S86 | 63 | S78 and (ni nickel pd palladium) and diffusion near2 barrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 13:52 |
| S87 | 41 | S86 not (S84 S79 S76 S58 S60 S55 S73 S66) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02:13:52 |
| S88 | 287 | S56 and pad | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 13:52 |
| S89 | 175 | S88 not (S86 S84 S79 S76 S58 S60 S55 S73 S66) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;IBM_TDB | OR | ON | 2005/09/02:14:27 |

| | | (257/E23.021).CCLS. | US-PGPUB; | OR | OFF | 2005/09/02 14:26 |
|------|------|---|--|------|----------|------------------|
| | | · | USPAT; USOCR; EPO; JPO; DERWENT | | | |
| S91 | 575 | S90 and (ni nickel) and barrier | ; IBM_TDB US-PGPUB; USPAT; | OR | ON | 2005/09/02 14:26 |
| | | | USOCR; EPO; JPO; DERWENT | | | |
| S93 | 392 | (S53 S54) and barrier and (Ni nickel) | ; IBM_TDB US-PGPUB; | OR | ON | 2005/09/02 14:27 |
| | | | USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | | | |
| S94 | 289 | S93 not (S88:S86 S84:S79 S76:S58 S60:S55 S73 S66) | US-PGPUB; USPAT; | OR | ON | 2005/09/02 15:42 |
| | | | USOCR; EPO; JPO; DERWENT | | | |
| S95 | 754 | (257/766).CCLS. | ; IBM_TDB US-PGPUB; | OR | OFF | 2005/09/02 15:41 |
| | | | USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | | | |
| S96 | 224 | S95 and barrier | US-PGPUB; USPAT; USOCR; EPO; JPO; | OR | ON | 2005/09/02 15:41 |
| | | | DERWENT ; IBM_TDB | | | |
| S97 | 172 | S96 not (S93 S88 S86 S84 S79 S76 S58 S60 S55 S73 S66) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 15:44 |
| S98 | 449 | (S71 S72) and (Ni nickel Pd palladium) and barrier | US-POPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/02 17:04 |
| S99 | 268 | S98 not (S96 S93 S88 S86 S84 S79 S76 S58 S60 S55 S73 S66) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/02 16:00 |
| S100 | 1329 | (257/750).CCLS. | ; IBM_TDB US-PGPUB; USPAT; | OR | OFF | 2005/09/02 15:43 |
| | | | USOCR; EPO; JPO; DERWENT ; IBM_TDB | | | |
| S101 | 842 | (438/652).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 15:44 |
| S102 | 262 | (S64 S65) and (Ni tiickel Pd palladium) and barrier | ; IBM_TDB US-PGPUB; | OR | OŇ | 2005/09/02 15:46 |
| | #9# | | USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | ¥.\$ | ∵ | 2007/02/13/40 |

| S107 | 181 | S102 not (S98 S96 S93 S88 S86 S84 S79 S76 S58 S60 S55 S73 S66) | US-PGPUB; | OR | ON | 2005/09/02.16:43 |
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| | | | USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | | | |
| S108 | 61 | (S100 S101) and barrier and adhesion and pad and (nickel palladium pd m) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/02 16:37 |
| S109 | 25 | S108 not (S102 S98 S96 S93 S88 S86 S84 S79 S76 S58 S60 S55 S73 S66) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 17:06 |
| S110 | 1 | (257/E21:523):CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 16:39 |
| S111 | 1327 | (257/48).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/09/02 16:39 |
| S113 | 68 | S111 and barrier and pad | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/02:16:40 |
| S114 | 134 | S75 not (S98 S96 S93 S88 S86 S84 S79 S76 S58 S60 S55 S73 S66) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 16:43 |
| S115 | 410 | (S53 S54) and (Ni nickel Pd palladium) and barrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/02 17:04 |
| S116 | 18 | S115 not S93 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 17:05 |
| S117 | 389 | seed and adhesion and barrier and (m nickel) and (gold au) and (contact bond\$3 terminal) adj pad | US-PGPUB; USPAT; USOCR; EPO; IPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 17:06 |
| S118 | 288 | S117 not (S108 S102 S98 S96 S93 S88 S86 S84 S79 S76 S58 S60 S55 S73 S66) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 17:06 |
| S132 | 22 | (tien adj jen near3 cheng).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/02 18:01 |

| S133 | 22 | (tien adj jen near3 cheng).in. | US-PGPUB; | OR | ON | 2005/09/03 09:27 |
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| | | | USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | | | |
| S134 | 10 | (david near3 eichstadt) in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ÖR | ON | 2005/09/03 09:28 |
| S135 | 3 | S134 not S133 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/03 09:28 |
| S136 | 45 | (griffith near3-jonathan).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM TDB | OR | ON | 2005/09/03:09:29 |
| S137 | 38 | S136 not (S133 S134) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/03 09:29 |
| S138 | 21 | : (samuel near3 mcknight).in. | US-PGPUB; USPAT; USOCR; EPO; IPO; DERWENT ; IBM TDB | OR | ON | 2005/09/03:09:30 |
| S139 | 20 | S138 not (S133 S134 S136) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/03 09:54 |
| S140 | 89 | (kevin near3 petrarca).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM TDB | OR | ON | 2005/09/03 09:55 |
| S141 | 71 | S140 not (S138 S133 S134 S136) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/03 09:59 |
| S142 | 29 | (kamalesh near3 srivastava).in. | US-PGPUB, USPAT; USOCR, EPO; IPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/03 09:59 |
| S143 | 22 | S142 not (S133 S134 S136 S138 S140) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/03 10:00 |
| S144 | 7 | (roger near3 quon):in. | US-PGPUB, USPAT; USOCR, EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/09/03:10:00 |

| S146 | 3401 | 438/14 | US-PGPUB; | OR | ON | 2005/09/03 15:58 |
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| 5140 | 3401 | 130/14 | USPAT; | OK | l OIN | 2003/09/03 13.36 |
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| S147 | 148 | S146 and IC adj chips | US-PGPUB; | OR | ON | 2005/09/03 16:52 |
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| S148 | 178 | "438"/\$.ccls. and (diced dicing) same IC adj2 chip | US-PGPUB; | OR | ON | 2005/09/04 09:35 |
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| S149 | 9 | S148 and (test\$3 prob\$3) adj pad | US-PGPUB, | OR | ON | 2005/09/03 17:13 |
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